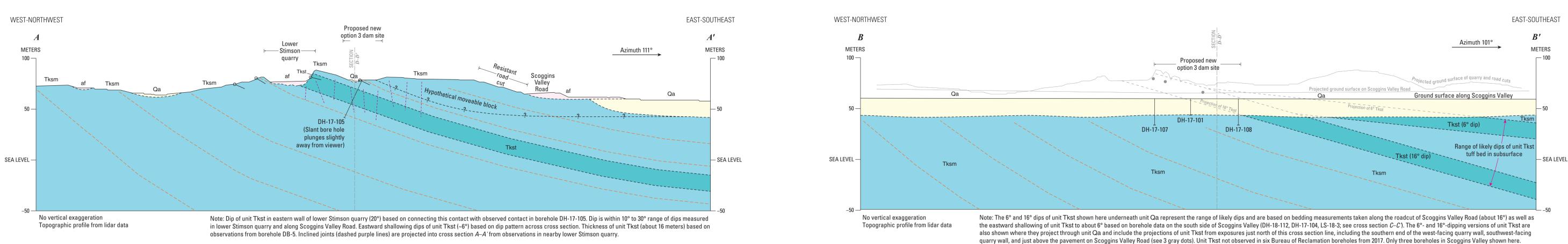
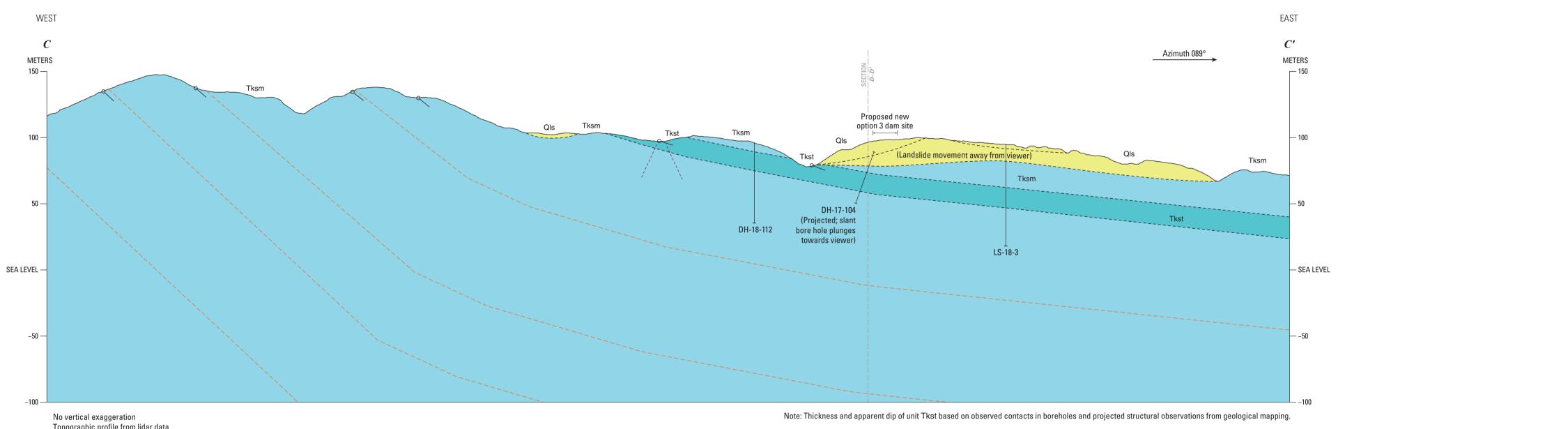


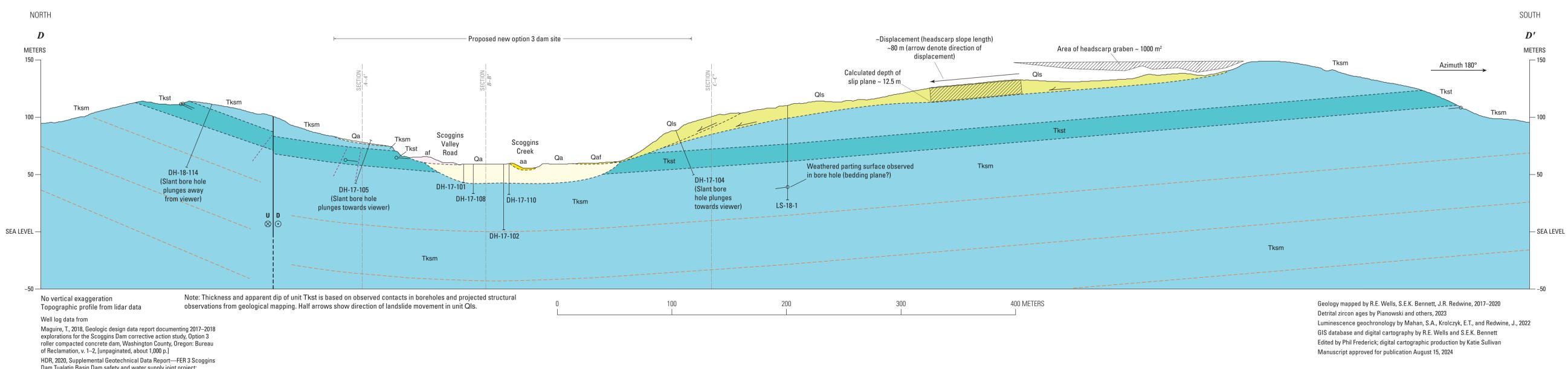
U.S. Department of the Interior

U.S. Geological Survey









Dam Tualatin Basin Dam safety and water supply joint project: Bureau of Reclamation, prepared by HDR, appendix F, 134 p.

## Prepared in cooperation with the Bureau of Reclamation and Clean Water Services



## **Geologic Cross Sections of the Option 3 Dam Site**

By Ray E. Wells,<sup>1</sup> Scott E.K. Bennett,<sup>1</sup> Joanna R. Redwine,<sup>2</sup> Lydia M. Staisch,<sup>1</sup> Christopher Holm-Denoma,<sup>1</sup> and Shannon A. Mahan<sup>1</sup> 2024

<sup>1</sup>U.S. Geological Survey <sup>2</sup>Bureau of Reclamation

## Scientific Investigations Map 3528 Sheet 4 of 4

Pamphlet accompanies map

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screen or when printing it on an electronic plotter, even when it is viewed or printed at its intended publication scale Digital files available at https://doi.org/10.3133/sim3528, https://doi.org/10.5066/P9PVK0Q3, and https://doi.org/10.5066/P91ZSKV3 Suggested citation: Wells, R.E., Bennett, S.E.K., Redwine, J.R., Staisch, L.M., Holm-Denoma, C.S., and Mahan, S.A.,

2024, Geologic map of Scoggins Dam, Henry Hagg Lake, and Scoggins Valley, Washington County, Oregon: U.S. Geological Survey Scientific Investigations Map 3528, 4 sheets, scales 1:2,000 and, 1:12,000, 37-p. pamphlet, https://doi.org/10.3133/sim3528. Associated data for this publication: Wells, R.E., Bennett, S.E.K., Redwine, J.R., Staisch, L.M., Holm-Denoma, C.,

Mahan, S.A., 2024, Data associated with the geologic map of Scoggins Dam, Henry Hagg Lake, and Scoggins Valley, Washington County, Oregon: U.S. Geological Survey data release, https://doi.org/10.5066/P9M5300X. Mahan, S.A., Krolczyk, E.T., and Redwine, J., 2022, Data Release for luminescence; Geologic map of Scoggins Dam, Henry Hagg Lake, and the Scoggins Valley area, Washington County, Oregon: U.S. Geological Survey data release, https://doi.org/10.5066/P9PVK003. Pianowski, L.S., Holm-Denoma, C.S., Staisch, L.M., and Wells, R.E., 2023, U-Pb zircon data for Cenozoic clastic and volcaniclastic units deformed along the Gales Creek Fault Zone, northwestern Oregon: U.S. Geological Survey data release, https://doi.org/10.5066/P91ZSKV3.